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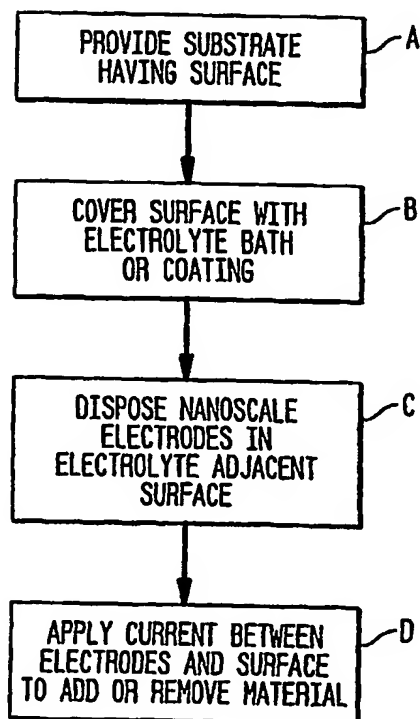
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(54) Title: **HIGH RESOLUTION ELECTROLYTIC LITHOGRAPHY, APPARATUS THEREFOR AND RESULTING PRODUCTS**



(57) Abstract: In accordance with the invention, a surface of a substrate is patterned by the steps of providing the substrate, covering the surface with electrolyte, and disposing at least one nanoscale electrode in the electrolyte adjacent the surface. A current is then applied between the electrode and the substrate to electrolytically deposit material on or remove material from the surface. The material is deposited or removed in a pattern dependent on the pattern, movement and shape of the nanoscale electrodes. Apparatus for this process and novel products therefrom are also described.



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